

**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

36-1127

09/088,727

APPLICANT

CHOI et al

(Use several sheets if necessary)

FILING DATE

GROUP

10 March 1998

2756

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|------|------|-------|----------|-------------------------------|
|                      |                 |      |      |       |          |                               |
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**FOREIGN PATENT DOCUMENTS**

|    |   | DOCUMENT   | DATE | COUNTRY  | CLASS | SUBCLASS | TRANSLATION |    |
|----|---|------------|------|----------|-------|----------|-------------|----|
|    |   |            |      |          |       |          | YES         | NO |
| FF | ✓ | 0698876 A2 | 2/96 | European |       |          |             |    |
| FF | ✓ | 0259950 A1 | 3/88 | European |       |          |             |    |
|    |   |            |      |          |       |          |             |    |
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**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

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|----|---|---|
| FF | ✓ | Ozawa, "A 4.8 kb/s High-Quality Speech Coding Using Various Types of Excitation Signals", PROCEEDINGS OF THE EUROPEAN CONFERENCE ON SPEECH COMMUNICATION AND TECHNOLOGY (EUROSPEECH), Paris, Sept. 26-28, 1989, Vol. 1, 26 September 1989, pgs. 306-309 |
| FF | ✓ | McAulay et al, "19 Sine-wave Amplitude Coding at Low Data Rates", ADVANCES IN SPEECH CODING, Vancouver, Sept. 5-8, 1989, 1 January 1991, pgs. 203-213   |
| FF | ✓ | Arjmand et al, "Pitch-Congruent Baseband Speech Coding", PROCEEDINGS OF ICASSP 83, IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, BOSTON, MA, 14-16 April 1983, 1983 NEW YORK, NY, IEEE USA, pgs. 1324-1327, Vol. 3          |
| FF | ✓ | Kleijn, "Continuous Representations in Linear Predictive Coding", IEEE, 1991  |
| FF | ✓ | Kleijn et al, "A General Waveform-Interpolation Structure for Speech Coding", SIGNAL PROCESSING, pgs. 1665-1668, 1994   |
| FF | ✓ | Kleijn et al, "A Speech Coder Based on Decomposition of Characteristic Waveforms", 1995 IEEE, pgs. 508-511  |
| FF | ✓ | McAulay et al, "Speech Analysis/Synthesis Based on a Sinusoidal Representation", IEEE TRANSACTIONS ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, Vol. ASSP-34, No. 4, August 1986, pgs. 744-754  |
| FF | ✓ | Rosenberg, "Effect of Glottal Pulse Shape on the Quality of Natural Vowels", THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, pgs. 583-590, April 1970   |

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)